



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification<sup>6</sup> :  
C08K 5/00, 5/12, 5/20, C07C 69/017

A1

(11) International Publication Number: **WO 00/52089**

(43) International Publication Date: 8 September 2000 (08.09.00)

(21) International Application Number: PCT/EP99/01429

(22) International Filing Date: 5 March 1999 (05.03.99)

(71) Applicant (for all designated States except US): UNIVERSITÄT BAYREUTH [DE/DE]; Universitätsstrasse 30, D-95440 Bayreuth (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SCHMIDT, Hans-Werner [DE/DE]; Lisztstrasse 26, D-95444 Bayreuth (DE). SCHILDBACH, Thomas [DE/DE]; Egerländerstrasse 8, D-95505 Immenreuth (DE).

(74) Agent: RICKER, Mathias; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Galileiplatz 1, D-81679 München (DE).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published**

*With international search report.*

(54) Title: NUCLEATORS FOR CRYSTALLIZABLE THERMOPLASTIC POLYMERS

(57) Abstract

Disclosed are compositions comprising nucleators for crystallizable thermoplastic polymers and, in particular, chemical compounds used as nucleators that comprise moieties that are capable of forming intermolecular hydrogen bonds and that are thermally stable, and the use thereof.